



Clean Version of all Pending Claims

1. A recombinant Sendai virus containing a genome having a desired foreign gene inserted, or a desired gene deleted or inactivated, but retaining the disseminative capability.

2. (Amended) The recombinant Sendai virus of claim 1, wherein one or more than one gene encoding viral functional proteins is altered.

3. (Amended) The recombinant Sendai virus of claim 2, wherein the recombinant Sendai virus carries a foreign gene capable of being expressed in hosts.

4. (Amended) An RNA molecule comprising RNA contained in the recombinant Sendai virus of claim 1.

5. (Amended) An RNA molecule comprising cRNAs of RNAs contained in the recombinant Sendai virus of claim 1.

6. (Amended) A kit comprising  
a. a DNA molecule containing a template cDNA capable of transcribing RNA of claim 4 or 5, and

b. a unit capable of transcribing said RNA with said DNA as template *in vitro* or intracellularly.

7. (Amended) A kit comprising

a. a host expressing the NP, P and L proteins of Sendai virus, or a protein of an equivalent activity to said NP, P/C or L proteins, and

b. the RNA molecule of claim 4 or 5.

8. (Amended) A method for producing the recombinant Sendai virus of claim 1, comprising transfecting RNA of Claims 4 or 5 to a host wherein the host expresses the NP, P/C and L proteins of Sendai virus, or a protein of an equivalent activity to said NP, P/C or L proteins.

9. (Amended) A kit consisting of the following three components,

a. a host expressing the NP, P/C and L proteins of Sendai virus;

b. a DNA molecule containing a template cDNA capable of transcribing RNA or cRNA of claim 4 or 5; and

c. a unit capable of transcribing said RNA with said DNA as template *in vitro* or intracellularly.

10. (Amended) A method for producing the recombinant Sendai virus of claim 1,

wherein said method comprises introducing a DNA molecule containing a template cDNA capable of transcribing RNA of claim 4 or 5, and a unit capable of transcribing said RNA with said DNA as template *in vitro* or intracellularly into a host expressing the NP, P/C and L proteins of Sendai virus.

11. A method for producing a foreign protein, comprising a process of infecting a host with the recombinant Sendai virus of Claim 3, and recovering expressed foreign proteins.

12. (Twice Amended) A cell culture medium or allantoic fluid containing, expressed foreign proteins and Sendai virus particles or parts thereof, obtainable by,

- a. initially transfecting the recombinant Sendai virus of claim 3 to a first host cell;
- b. allowing said recombinant Sendai virus to disseminate to other host cells in the cell culture medium or around the allantoic fluid following said initial transfection of said recombinant Sendai virus into said host cells; and
- c. recovering said culture medium or allantoic fluid.

13. (Twice Amended) A DNA molecule for expressing a protein encoded by a foreign DNA integrated into a Sendai virus vector DNA, said Sendai virus vector DNA comprising:

- a. a promoter;

b. a cDNA encoding a recombinant Sendai viral genome RNA of claim 1;

and

c. DNA encoding a foreign DNA, wherein said foreign DNA is integrated within said Sendai viral genome and the Sendai viral genome containing said foreign DNA is inserted downstream of said promoter in an orientation for transcribing an antisense RNA of both said Sendai virus genome and said foreign DNA.